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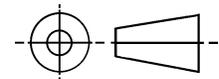
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THIRD ANGLE PROJECTION



PREPARED BY SAE SUBCOMMITTEE AE-8C1



AEROSPACE STANDARD

CONNECTOR ACCESSORIES, ELECTRICAL, BACKSHELL,
NONENVIRONMENTAL, STRAIGHT, INDIVIDUAL SHIELDED WIRE
TERMINATION, CATEGORY 3B
(FOR MIL-C-38999 SERIES I AND II CONNECTORS)

AS85049/30
SHEET 1 OF 5

ISSUED 2000-05 REAFFIRMED 2006-01

AS85049/30

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AS85049/30

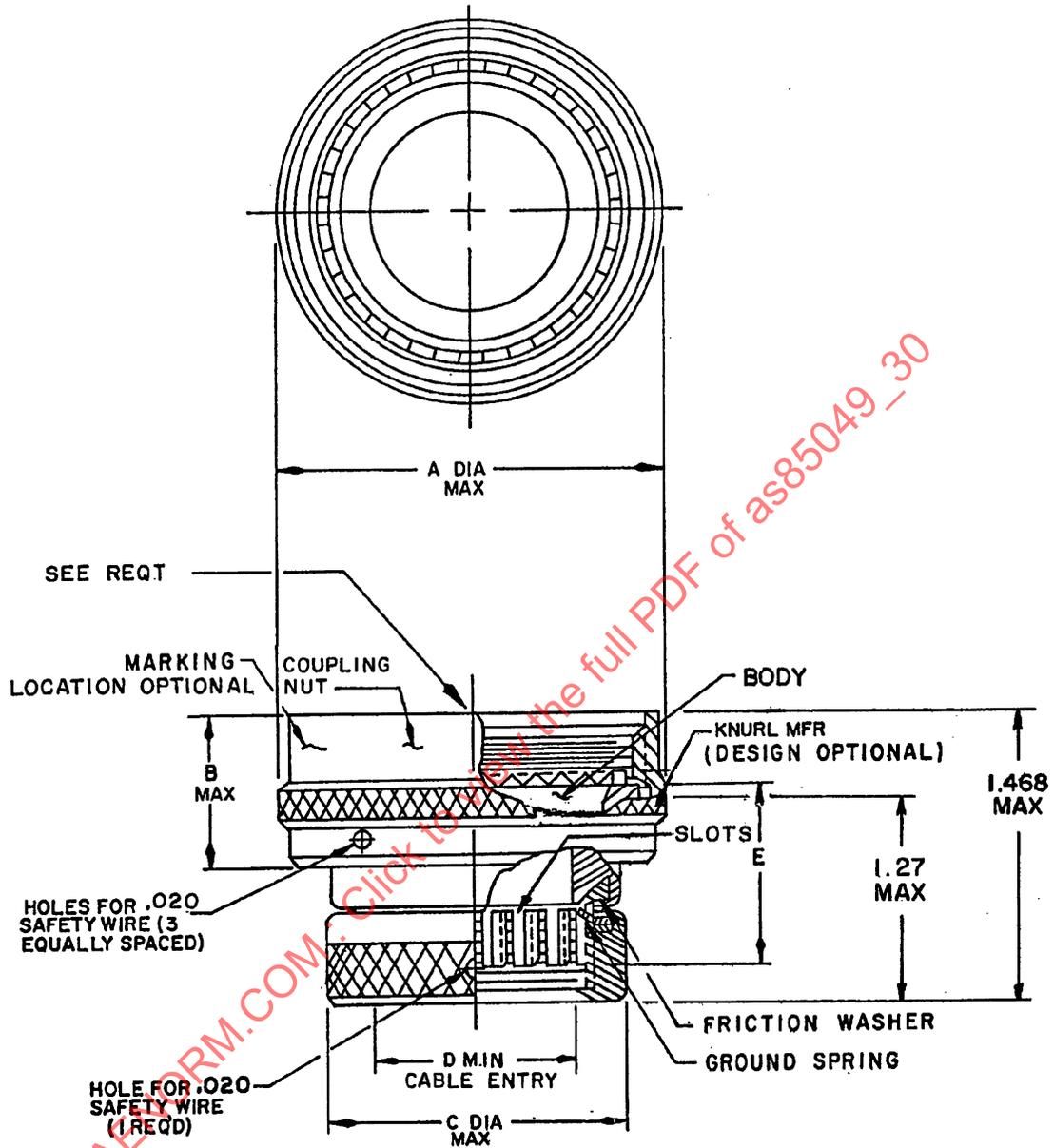


FIGURE 1. DIMENSIONS AND CONFIGURATION.

AS85049/30

Inches	mm	Inches	mm	Inches	mm
.020	0.51	.844	21.44	1.219	30.96
.250	6.35	.85	21.59	1.25	31.75
.375	9.53	.92	23.37	1.27	32.26
.500	12.70	.970	24.64	1.30	33.02
.54	13.72	1.00	25.40	1.40	35.56
.55	13.97	1.05	26.67	1.42	36.07
.625	15.88	1.094	27.79	1.468	37.29
.67	17.02	1.10	27.94	1.50	38.10
.75	19.05	1.17	29.72	1.65	41.91
.80	20.32			1.67	42.42
				1.75	44.45

NOTES:

1. Dimensions are in inches.
2. Dimensions apply after plating.
3. Metric equivalents are given for general information only.

FIGURE 1. DIMENSIONS AND CONFIGURATION - CONTINUED

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REQUIREMENTS:

Design and construction:

Dimensions and configuration: See figure 1 and table I.

Accessory interface dimensions shall conform to MIL-C-38999, series I and II.

The accessory shall consist of a coupling nut and body, with provisions to terminate individual shields per MS27741. The coupling nut shall be captivated to the body and free to rotate.

Material:

Shell: Aluminum alloy in accordance with MIL-C-85049.

Ground spring: Copper alloy, gold plated.

Friction washer: Teflon.

Finish: $\frac{1}{N}$, W.

TABLE I. SHELL SIZE AND DIMENSIONS.

Dash no.	Fits connector shell size		A diameter maximum	B maximum	C diameter maximum	D minimum	E ± 0.060	No. of slots
	Series II	Series I						
08	8	9	.75	.54	.55	.250	1.00	3
10	10	11	.85	.54	.67	.375	1.00	4
12	12	13	1.00	.54	.80	.500	1.00	6
14	14	15	1.10	.54	.92	.625	1.00	8
16	16	17	1.25	.54	1.05	.750	1.00	10
18	18	19	1.40	.54	1.17	.844	1.00	10
20	20	21	1.50	.54	1.30	.970	1.00	12
22	22	23	1.65	.54	1.42	1.094	1.00	15
24	24	25	1.75	.54	1.67	1.219	1.00	15

$\frac{1}{N}$ Not for Navy use. Air Force: For space applications only.